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JUL 18 2006

Serial No. 10/728,292
60246-280; 10799

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Zhang
Serial No.: 10/728,292
Filed: December 4, 2003
Group Art Unit: 3744
Examiner: Tanner, Harry B.
Title: TRANSCRITICAL HEAT PUMP WATER HEATING SYSTEM
USING AUXILIARY ELECTRIC HEATER

RESPONSE

Commissioner for Patents
P.O. Box 1450
Alexandra, VA 22313-1450

Sir:

This paper is responsive to the Office Action mailed on April 18, 2006. Claims 1, 9-15, 17 and 19-25 are remain in this application. Claims 20-25 have been added, claims 2-8, 16 and 18 have been withdrawn and claims 1-3, 5-9, 11, 12 and 15-19 have been amended. Please amend the application as follows.

07/19/2006 MBINAS 00000048 030835 10720292
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